

CENTRAL INTELLIGENCE AGENCY

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SOURCE: Newspapers as indicated.

FARM MACHINERY PRODUCTION INCREASES

YUGOSLAVIA PRODUCING 200 PLCWS DAILY -- Slovenski Porocevalec, No 6, 7 Jan 50

At present Yugoslavia is producing 200 plows per day, or 60,000 per year. The "Zmaj" factory started the serial production of two threshing machines in 1949, the "JV 660" and the larger "JV 1070." The "Pobeda" factory in Novi Sad started to produce mowers serially in 1949, and the foundry in Osijek began the production of horse-drawn rakes and mechanical hay presses in 1949. The "Pobeda" factory is also serially producing corn-husking machines, grain cleaners, and grain selectors. The factory in Osijek is also producing combination beet-planting machines, machines for spreading artificial fertilizer, and threshing machines for sunflowers, castor beans, and hemp. The agricultural factory in Maribor is producing finished mechanized straw cutters for granaries.

All the farm machinery needed in Yugoslavia which is not yet produced domestically will be produced by the end of 1951 and during 1952. In 1950 a special corn-planting machine will be produced by Yugoslav factories.

Yugoslav factories will also serially produce machines for digging potatoes and picking beets, tractor-type plows for three, four, and five furrows, tractor-type rollers, tractor cultivators, tractor grain-planting machines, machines for planting potatoes, tractor mowers, and machines for turning and raking hay.

In 1950 Yugoslav factories will produce three types of tractors, as well as universal walking tractors, which can be utilized for plowing, mowing, and digging.

In the second quarter of 1950, serial production of the "Udarnik" and the "Zadrugar" type tractors will begin. At the end of 1950 Yugoslav factories will produce large caterpillar tractors. The "Zadrugar" and "Udarnik" tractors will be equipped with 50-horsepower gasoline engines, and will be able to plow four furrows simultaneously. Tests have shown that these tractors were able to pull 8,500 kilograms of gross freight uphill. The "Gosenicar" (Caterpillar) tractor

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will be equipped with a 60-horsepower Diesel engine and will be able to plow with five plows. It will also be used for work in forests. The engine factory in Rakovica will produce these tractors serially as soon as the necessary preparations have been made.

After the above machines have been produced, only a few other large machines such as grain combines, potato combines, and corn combines are scheduled to be produced by 1951 or 1952. Yugoslavia will then be producing a complete line of the necessary farm machinery.

AGRICULTURE SPEEDS COLLECTIVIZATION, MECHANIZATION -- Borba, No 308, 28 Dec 49

The two tables below are taken from the report of Mijalko Todorovic, Minister of Agriculture, on Yugoslavia's agricultural situation, presented at the eighth regular session of the People's Skupstina.

The following table indicates the increase in the collectivization of Yugoslav agriculture between 1948 and 1949:

No of Cooperatives		Membership (families)		Land (Ha)	
31 Dec 48	10 Dec 49	31 Dec 48	10 Dec 49	31 Dec 48	10 Dec 49
1,318	6,492	60,156	323,849	323,984	1,762,614

The following table shows the amount of agricultural equipment delivered to farms by Yugoslav factories in 1948 and 1949:

	1948	1949
Horse-drawn plows	26,323	41,632
Horse-drawn cultivators	5,650	9,730
Horse-drawn harrows	10,849	20,924
Horse-drawn mowers	313	367
Grain cleaners	904	1,310
Threshing machines	539	581
Power-driven seed selectors	5	138
Incubators	105	600
Artificial fertilizer (tons)	39,500	81,000
Plant sprays, etc. (tons)	13,954	14,074
Veterinary supplies (dinars)	89,910,000	149,973,000

MACEDONIA'S SWAMPS RECLAIMED -- Borba, No 9, 11 Jan 50

Thus far 4,000 hectares of the Strumica River Swamp in Macedonia have been reclaimed. In 1949 the average corn production over this area was 2,000 kilograms larger than in other areas. By the end of the Five-Year Plan, 3,000 hectares more of swamp will be drained, and 11,000 hectares will be irrigated by means of the newly constructed canal system.

Reclaimed areas yield two harvests per year. For the drainage of the Strumica River Swamp, a 70-kilometer drainage canal is being built. In 1947 a 16-kilometer canal was dug between Bansko and Drazovo. In 1949 a new 11-kilometer river bed for the Strumica River was completed.

In 1947, 500 hectares of land were reclaimed in Macedonia, in 1948, 1,800 hectares, and in 1949, about 2,000 hectares. In order to reclaim 3,000 more hectares, and thus complete the planned reclamation works in Macedonia, it will be necessary to dig about 28 more kilometers of drainage and irrigation canals.

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NEW FOUNDRY BEGINS OPERATION -- Borba, No 7, 9 Jan 50

A new foundry recently began operation at the federal agricultural-industrial combine in Belje. Its work will be coordinated with that of the central machine shop in Knezevo.

While the old foundry could cast only 3,000 kilograms of iron parts per month, the new foundry can cast over 20,000 kilograms of machine parts per month. It also has the advantage of being able to cast large parts for all kinds of machines serially, which was not possible in the old foundry.

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